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PATENT

Serial No. 10/531,976

Amendment in Reply to Office Action mailed on January 23, 2006

NEW ABSTRACT

A linear electric motor includes a movable part having a magnetic core and conductors surrounding the magnetic core. A rail provides slideable support to the movable part. The motor also includes a magnet that substantially surrounds the movable part. The cross-section of the movable part and magnet has a substantially triangular form.